



San Pablo Rapid



AC Transit

»Service Area	364 square miles
»Population	1,415,129
»Bus lines	125
»Bus Fleet	650
»Bus stops	6,500
»Annual service miles	21 million
»Daily Ridership	206,259



AC Transit buses connect with 9 other public and private bus systems, 21 BART stations, 6 Amtrak stations, and 3 ferry terminals.

AC Transit Definition of Rapid Bus

- » Headway based schedule w/ maximum 12-minute headways
- » Stops one-half to two-thirds of a mile apart, on average
- » As many stops far side as possible
- » Traffic signal coordination, transit signal priority, queue jump lanes
- » Recognizable shelters, with Rapid branding and bus arrival information signs
- » Recognizable vehicles, with Rapid branding and features which reduce dwell time.



Service Changes for 72R

- » Headway-based schedule
 - 12-minute peak frequency on top of local service
- » 26 Rapid stops at major intersections
 - 0.54 miles apart on average
- » Far-side stops
- » 20% time savings calculated into schedule



Technology Improvements for 72R

- » 3M's Opticom Transit Signal Priority System
- » Coordination and re-timing of traffic signals
- » Addition of queue-jump lanes
- » Next Bus type Bus Arrival Information System in conjunction with Orbital A.V.L. system
- » 40' three-door, low-floor Van Hool buses

Real-Time Bus Arrival Information



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Marketing - Branding

RAPID



Marketing - Branding

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External Coordination

- » Work with the Alameda County Congestion Management Agency (ACCMA)
- » Seven cities and 2 counties
- » Caltrans - State Department of Transportation
- » Shelter Agreements with multiple vendors

Alameda County CMA Coordination

- » ACCMA is lead Agency for East Bay SMART Corridors Program
 - Policy Advisory Committee
 - Technical Advisory Committee
 - Operations Subcommittee oversight of TSP
- » SMART Corridor responsible for signal upgrades including construction, signal coordination, and TSP software development



City Public Works Coordination

- » Moving bus stops to far-side (replacement/removal of parking)
- » Approving advertising street-furniture program
- » Installation of queue jump lanes
- » Signal coordination and re-timing
- » Installation of signal priority

Working with Caltrans

- » Caltrans owns the right-of-way on 1/2 of the Corridor
- » Caltrans owns a majority of the signals on the Corridor
- » Work with Caltrans on installing the Signal Priority System
- » Work with Caltrans on installing queue jump lanes
- » Coordination with street re-pavement program and installation of bus pads

Line 72R - SAN PABLO RAPID BUS Implemented June 30, 2003



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72R vs 72L

- » 72L from 6 - 9 AM & 3 - 7 PM (Total 7 hours)
- » 72R runs from 6 AM to 7 PM (Total 13 hours)

» Direct Comparison of 72R to 72L trips, from 6 - 9 AM & 3 - 7 PM

- Goals

- > 20% decrease in running time
- > 25% ridership increase

- Results

- > **17.1% decrease in actual running time**
- > **65.8 % ridership increase**



Survey Responses

How did you make this trip before Rapid Bus?

	No. of Responses	Percent
Bus	942	55.2%
Did not make trip	149	8.7%
BART	220	12.9%
Car	322	18.9%
Other	72	4.2%
Total	1,705	100.0%

* 28 respondents did not answer this question

If you answered "Bus" on the previous question, what bus line did you use previously?

Bus	No. of Responses	Percent
*72, 72L, 73	635	73.3%
Other	231	26.7%
Total	866	100.0%

Performance Survey



	Excellent	Good	Excellent + Good	Fair	Poor	Very Poor
Rapid Bus service overall	39.3	43.6	82.9	14.8	1.2	1.2
Easy to identify the right bus	45.8	36.5	82.3	14.5	1.7	1.5
Wheelchair Securement	42.4	37.8	80.2	16.6	1.9	1.3
Travel time on the bus	37.2	40.3	77.5	19.2	1.9	1.4
Quality of New Buses	39.9	37.2	77.1	17.4	3	2.5
Location of bus signs	35.5	41.6	77.1	18.3	2.8	1.9
Frequency of Buses	34.1	40.9	75	19.3	3.8	1.8
Reliability	30.3	42	72.3	23	3.3	1.4
Routes go where I need to go	34.7	36.6	71.3	21.8	4.7	2.3
Quality of Bus Shelters	27.6	41.7	69.3	24.1	4.5	2
Cleanliness	26.7	42.1	68.8	23.2	5.5	2.5
Personal safety on buses	26	42.2	68.2	24.4	4.7	2.7
Driver courtesy	29.6	38	67.6	24.2	4.6	3.6
Information at bus stops	27.2	37.8	65	22.3	9.4	3.3
Availability of seats	21.2	39.4	60.6	28.3	8.3	2.9
Value for fare paid	23.1	33.5	56.6	27.7	9.7	6

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MOVING YOU FASTER & BETTER